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Dr. Gray informs me that the plant is quite rare. This, however, is not the case at and south of San Diego, where it is rather common, but appears to have been overlooked heretofore. The same is true of *Echidocarya Californica* and *Harpagonella Palmeri*.

Salt Lake City, Utah.

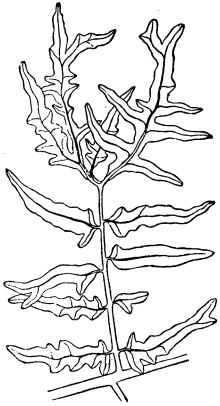
MARCUS E. JONES.

Adventitious leaf on Dandelion.—I have found to-day a dandelion (*Taraxacum Dens-leonis*) with a well-marked though small leaf on the otherwise naked scape. It is three inches below the involucre.

W. W. BAILEY.

Abnormal Growths in Ferns.—The following notes are from observations on specimens collected during the present season on Staten Island:

Pteris aquilina L.—Branches of the frond showing a great tendency to bifurcation. In the specimen figured, one of the branches is three times bifurcated, and many of the pinnae show the same tendency. In another specimen the pinnules are remarkably crenate and finely undulate on the surface, as if passed through a fluting-machine, with many edges fringed.



These two varieties were found in a limited locality, near Tottenville, in company with the var. *caudata*, Hook.,* gradually merging by every intermediate stage into the typical form.

Osmunda cinnamomea, L.—A fertile frond in which the upper half is composed of very much constricted sterile pinnae; apparently approaching var. *frondosa*, Gray, which is, however, distinguished by being fertile above and sterile below, the very opposite of the specimen in question.—Found near Garretson's; one specimen only.

Aspidium acrostichoides, Swartz, var. *incisum*, Gray.—A great many forms seem to be included under this variety. In some of the fertile fronds every one of the pinnae is constricted, and covered with fruit throughout its entire surface. From this extreme there is every intermediate stage to the typical form. In some, the tips only are fertile, in others, the fruit is scattered over the surface promiscuously, and in rare cases is arranged in regular rows as in *A. marginale*, Swartz. Only two localities have thus far yielded these forms; near Four Corners and Egbertville.

ARTHUR HOLLICK.

Botanical Notes.—*Expansive Power of Fungi.*—The marvellous expansive power resulting from the rapid growth of the soft cellular tissue of fungi was strikingly illustrated a short time since in a grain elevator at Buffalo, N. Y.

The asphalt flooring of the building was over a foot thick, in two

* It has been decided by Prof. Eaton that the variety found at Staten Island is not the true *caudata*.—ED.